Claims

1. A method for protecting broadcast digital content comprising:

encrypting digital content with a first key;

encrypting the first key with a second key;

broadcasting the encrypted digital content and the encrypted first key;

protecting the second key and assigning rights to the second key; and

transmitting the protected second key and the assigned rights to a mobile terminal over a mobile network.

2. The method of claim 1 further comprising:

receiving the encrypted digital content and the encrypted first key at a content display device;

receiving the protected second key and the assigned rights at a mobile terminal;

sending the encrypted first key from the content display device to the mobile terminal;

decrypting the encrypted first key with the protected second key in accordance with the assigned rights;

sending the decrypted first key from the mobile terminal to the content display device; and

decrypting, at the content display device, the encrypted digital content with the decrypted first key.

3. The method of claim 1 wherein the second key is protected by encrypting it with a user specific key.

4. The method of claim 1 wherein the assigned rights are transmitted in a protected voucher.
5. The method of claim 1 wherein the assigned rights at least include a right to play the encrypted digital content once.
6. The method of claim 1 wherein the second key is protected in accordance with the OMA standard.
7. The method of claim 1 wherein an executable application is transmitted to the mobile terminal.
8. The method of claim 2 wherein an executable application is transmitted to the mobile terminal and the executable application enables the mobile terminal to decrypt the second key.
9. The method of claim 8 wherein the executable application further enables the mobile terminal to decrypt the first key.
10. A method for viewing protected digital content comprising:

receiving encrypted digital content and an encrypted first key at a content display device over a one-way transmission link;

receiving a protected second key and assigned rights at a mobile terminal over a mobile network;

sending the encrypted first key from the content display device to the mobile terminal over a two way transmission link;

decrypting the encrypted first key with the protected second key in accordance with the assigned rights;

sending the decrypted first key from the mobile terminal to the content display device; and

decrypting, at the content display device, the encrypted digital content with the decrypted first key.

11. The method of claim 10 wherein further comprising receiving an executable application at the mobile terminal wherein the executable application enables the mobile terminal to decrypt the second key.

12. The method of claim 11 wherein the executable application further enables the mobile terminal to decrypt the first key.

13. The method of claim 10 further comprising:

sending a request for content rights usage from a mobile terminal over a mobile network.

14. A system for protecting digital video broadcast content comprising:

a mobile network;

a computer connected to the mobile network;

a mobile terminal connected to the mobile network;

a content receiving device connected to the mobile terminal over a short range network;

wherein in the content receiving device is programmed to receive one-way content transmissions containing encrypted digital content and at least on encrypted first key and wherein the content receiving device is further programmed to send the encrypted first key to the mobile terminal;

wherein the computer is programmed to protect a second key, create a rights voucher identifying allowed uses of the second key, and send the protected second key and the rights voucher to the mobile terminal over the mobile network;

wherein the mobile terminal is programmed to use the protected second key in

accordance with the rights voucher to decrypt the encrypted first key, and send the decrypted first key to the content receiving device; and

wherein the content receiving device is further programmed to decrypt the encrypted digital content with the decrypted first key.

15. A system for displaying protected digital content comprising:

a mobile network;

a mobile terminal connected to the mobile network;

a content receiving device connected to the mobile terminal over a short range network, and capable of receiving broadcast content;

wherein in the content receiving device is programmed to receive broadcast content transmissions containing encrypted digital content and at least on encrypted first key, and wherein the content receiving device is further programmed to send the encrypted first key to the mobile terminal over the short range network;

wherein the mobile terminal is programmed to use a protected second key in accordance with a rights voucher to decrypt the encrypted first key, and send the decrypted first key to the content receiving device over the short range network; and

wherein the content receiving device is further programmed to decrypt the encrypted digital content with the decrypted first key.

16. The system of claim 15 wherein the mobile terminal is further programmed to receive and display content selection choices, and wherein the mobile terminal receives the protected second key and the rights voucher in response to a content request.

17. The system of claim 16 wherein the content request is billed to a billing account associated with the mobile terminal.

18. The system of claim 15 wherein the short range network is a Bluetooth network.

19. The system of claim 15 where in the mobile terminal runs a Java application to use the protected second key in accordance with the rights voucher, to decrypt the first key and to send the decrypted first key to the content receiving device.

20. The system of claim 15 wherein the rights voucher complies with OMA DRM and the second key is protected in accordance with OMA DRM.